



SECTION CABLE SEAL FITTING

NOTE: NEOPRENE BUSHING SHALL HAVE THE SAME NUMBER OF HOLES TO MATCH THE NUMBER OF CABLES ENTERING OR EXITING THE ENCLOSURE.

1. CONDUIT TO EXTEND 5 FEET BEYOND EMPLACEMENT.
2. CABLES/CONDUITS ARE ROUTED FROM SIDE OF BERM TO PREVENT CABLE DAMAGE FROM PROJECTILES DIGGING INTO THE BERM.
3. ROUTE UNDER SLAB TO THE SAME TRENCH THE POWER IS ROUTED IN.
4. ALL EQUIPMENT SHALL NOT BE MOUNTED HIGHER THAN 2" FROM TOP OF EMPLACEMENT WALL.
5. FOR DOUBLE SIT EMPLACEMENTS TWO TARGET LIFTING MECHANISMS WILL BE PROVIDED. DATA WILL BE PROVIDED FROM THE MTDOP AND POWER WILL BE PROVIDED FROM ADDITIONAL EXTERIOR ENCLOSURES WITH A NEMA L14-20R AND TWO NEMA L5-20R RECEPTACLES FED FROM THE LOAD CENTER. MOUNT LOAD CENTER ON LEFT SIDE OF EMPLACEMENT AND MTDOP ON THE RIGHT SIDE OF THE EMPLACEMENT. INSTALL ONE SET OF POWER OUTLETS NEXT TO LOAD CENTER AND ONE SET OF POWER OUTLETS NEXT TO MTDOP.
6. WHEN FIBER OPTIC CABLE IS NOT USED, FIBER PATCH PANEL IS NOT REQUIRED.
7. THE ENDS OF THE CATSE CABLES SHALL BE TERMINATED WITH A DATA SURGE PROTECTOR.
8. WHEN SIT IS THE MAIN CENTER SIT OF A CLUSTER, ADD THREE ADDITIONAL NEMA L5-20R RECEPTACLES.
9. WIRE THE DPR AHEAD OF THE GFCI MAINTENANCE RECEPTACLE TO AVOID NUISANCE TRIPPING.
10. PERMANENTLY LABEL THE EMPLACEMENT ACCORDING TO THE CIVIL AND ELECTRICAL DESIGNATIONS.
11. PROVIDE SEAL FITTINGS AS SHOWN IN DETAIL ON ALL NEMA 4, 4X, OR 6P RATED ENCLOSURES.
12. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.
13. IF TARGET IS BATTERY OPERATED WITH NO AC POWER PROVIDED, THE TARGET GROUND ROD SHALL BE INSTALLED WITH A 6' COILED #6 AWG BARE COPPER GROUND CABLE FOR FUTURE BONDING TO THE TARGET MECHANISM.
14. PROVIDE TARGET AND AUXILIARY OUTLETS WITH NEMA 3R WET LOCATION COVERS MAKING OUTLETS SUITABLE FOR USE IN WET LOCATIONS. SEE DETAIL THIS SHEET FOR WET LOCATION COVER. IN USE COVERS SUCH AS LEVITON M59X TYPE OUTLET COVER WILL NOT CLOSE OVER TARGET PLUG AND CORD.
15. DEVIATIONS TO THE EQUIPMENT SIZES, EQUIPMENT NUMBERS, RECEPTACLE COVERS, OR CABLE ENTRY METHODS INTO ENCLOSURES WILL REQUIRE RANGE TRAINING AND LAND PROGRAM HUNTSVILLE CENTER MANDATORY CENTER OF EXPERTISE CONTACT.
16. CONDUIT STUBBED UP 1/2" ABOVE SLAB.

PANEL BOARD: PB-xx				LOCATION: SIT				MOUNTED: SURFACE				FEED: BOTTOM				
125 MAIN				MAIN LUGS ONLY				ASYM A.I.C MIN.: 10,000								
VOLTAGE: 240/120				PHASE: 1				WIRE: 3				RATING: NEMA 3R				
				VA/ PHASE				VA/ PHASE								
LOAD SERVED	NO. POLES	TRIP AMPS	WIRE SIZE	A	B	CKT NO.	CKT NO.	A	B	WIRE SIZE	TRIP AMPS	NO. POLES	LOAD SERVED			
SURGE ARRESTOR	2	----	---	---		1	2	480		12	20	2	SIT (NEMA L14-20R, 2-NEMA L5-20R)			
					---				480							
SUB FEED THRU LUGS	2	----	---	---		5	6	50		12	20	1	TDP AND MR			
					---		8		---				---	20	1	SPARE
				0	0			530	480							
TOTAL VA PHASE A: 530																
TOTAL VA PHASE B: 480																
TOTAL CONNECTED WATTAGE: 1,010																
95% DEMAND WATTAGE: 960																
TOTAL DEMAND AMPS: 4																
SUPPLIED FROM: TRSF-XX																